

SOUTHERN TEXTILE BULLETIN

VOL. XIII.

CHARLOTTE, N. C., THURSDAY, APRIL 26, 1917.

NUMBER 9

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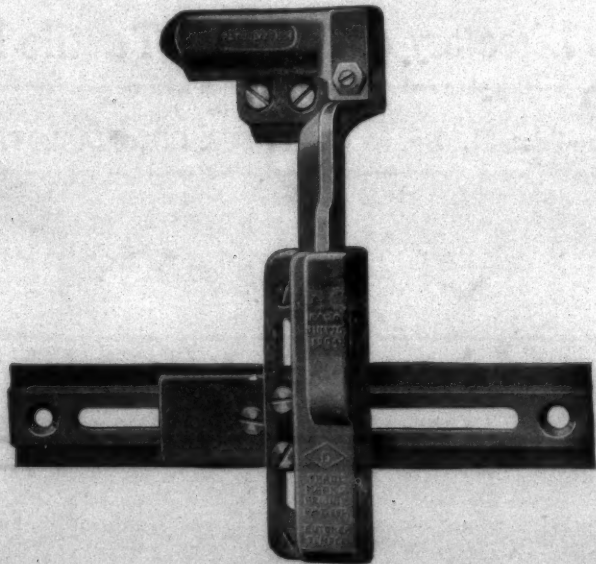
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SOUTHERN TEXTILE BULLETIN

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Practical Loom Fixing

Written exclusively for the Southern Textile Bulletin by Thomas Nelson

CHAPTER FIFTEEN.

Yarn too High Off Race Plate.

If the yarn is too high off the race plate, the shuttle will be raised at delivery and will often fly out. Yarn can be too high off race plate by harness not being pulled down low enough or by temple being too high above race plate.

Picker Too Low.

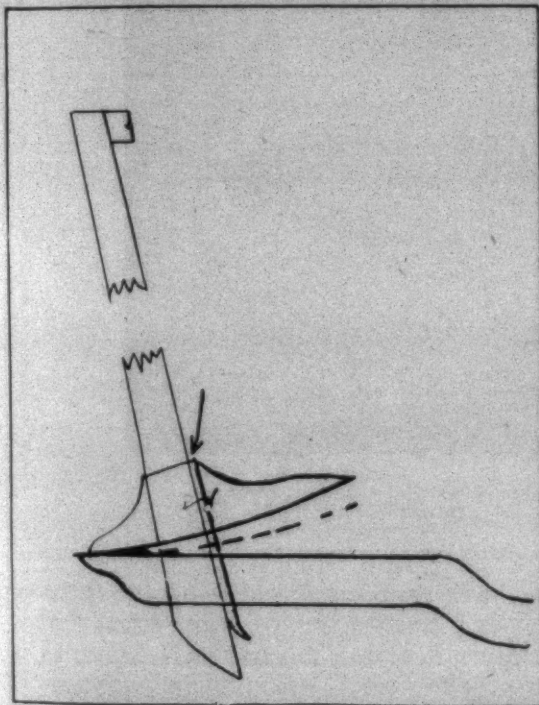


Figure 32.

If the picker is too low when delivering the shuttle, the outer end of shuttle is tilted and shuttle will almost certainly fly out or hit the mouthpiece of the opposite box. To remedy this, put a piece of leather between picker stick and parallel tongue and this will elevate the picker at delivery. This is illustrated at Fig. 32. Arrow indicates where leather will be inserted. Parallel or shoe in solid lines shows position before leather is inserted. Dotted lines shows position of parallel after leather has been inserted. This lowering of the parallel alters the angle of picker stick at delivery and raises the picker. On some looms an adjusting set nut is used to make whatever adjustments are necessary and this does away with the necessity of using a leather wedge.

Loose Top Shed.

If the top shed is too loose, the shuttle tip will pass on top of the loose ends and shuttle will fly out. Loose top shed can be caused by whip roll being too high; also harness shaft not raised high enough. Individual ends hanging loose in shed will sometimes cause shuttle to fly out.

Rebounding Shuttle.

When a shuttle rebounds in the box, the picker in picking strikes the shuttle a sudden blow because of the distance between tip of shuttle and picker. The shuttle is driven crooked from the box and shuttle will fly out.

Race Plate Loose.

A loose race plate is sometimes the cause of shuttle flying out, as this causes shuttle to travel crooked across the lay.

If picker is too low at the back end of box, or when shuttle is being delivered, the shuttle will almost certainly fly out. When picker is fastened to picker must the hole in stick after having found the correct position of same, it is advisable to make a small hole in picker where shuttle strikes, and to have this hole a trifle higher than tip of shuttle when shuttle is in box. The shuttle will run with the tip in center of hole in picker and shuttle level on race iron, but better results are possibly obtained by having the hole raised about one-sixteenth of an inch higher. Under no circumstances picker be too low.

Pick too Early.

If the pick is too early the shuttle instead of going in the shed passes on the top and will fly out. Early picking also causes shuttle to travel crooked across the lay, and causes ridges to be made on back of shuttle. When a shuttle does not travel straight across the lay, it will sooner or later fly out.

Worn Picker.

Pickers can sometimes be used until they are thoroughly worn out and are then replaced. At other times when the picker is worn and the hole made by the shuttle tip is too deep, there is a binding on the back of shuttle when shuttle is being delivered from box, and shuttle is thrown out. This binding can sometimes be remedied by elevating the picker at delivery as is done when picker is too low.

CUTTING FILLING.

This is a source of trouble as it is often difficult to locate. This will generally cause the loom to stop, though at times the filling will be cut and will show a broken pick in the middle of the cloth, the filling having been caught in the shed again on the same pick. This will spoil a pattern on some fancy fabrics. The following are some of the causes of filling being cut:

Groove in Shuttle Not Deep Enough.

When the shuttle is in shuttle box, the filling lies in the groove of the shuttle. If the face of the shuttle has been worn by constant wear and the groove is not deep enough, the filling is likely to be cut. The groove on end of shuttle beyond the eyelet must not be allowed to wear off as this is a source of cutting filling, especially on fine work. A shuttle, flat at the bottom, caused by the wear on shuttle in traveling across the lay will also cut the filling. The groove at the bottom of shuttle must be retained as well as the groove in front of shuttle.

Temple Too Low.

If the trough of the temple is too low, the filling which often gets under the temple will be cut by the race plate coming in contact with the temple.

Sharp Eyelet in Shuttle.

This is caused by face of shuttle being worn and with shuttle striking mouthpiece of the box. The sharp edge will have to be taken off and the eyelet put a little deeper in the shuttle.

Shuttle Rising in Box.

If the shuttle rises in box, the filling will get out of groove in shuttle and will be cut, especially if there is a groove in the binder, or the groove has a sharp edge. When an iron binder is used, the top can be bent over just a trifle and this prevents the shuttle from rising.

Sharp Filling Fork and Grate.

Sometimes the grate becomes sharp on the edge and this cuts the filling. If the filling fork is sharp or passes too far through the grate, filling is sometimes cut. All sharp edges must be avoided.

Crooked Running Shuttle.

A crooked running shuttle often strikes the mouthpiece of the box as shuttle is entering and filling is cut. Shuttle should go straight into the box.

Shuttle Spindle Sharp.

When using cop filling it is sometimes necessary to open out the spindle to prevent the filling from breaking. In doing this, the end of spindle becomes sharp and when the cop is put on spindle the filling is cut inside the cop.

FILLING AND BOBBINS BREAKING.

Pick Too Strong.

If the pick is too strong, the shuttle will strike too hard in the box and filling will be broken. The base of the bobbin, namely, that part which is held so as to prevent bobbin from slipping, will be broken off.

This causes much waste to be made and pick should be reduced as soon as possible.

Boxes Too Loose.

In this case practically the same thing happens as in pick too strong. The shuttle is not checked and strikes hard against the picker and filling will be broken. The boxes should be tightened, but should not be too tight.

Soft Bobbin.

If the spinning frame band is loose, a soft bobbin is made. It is almost impossible to weave a soft bobbin.

Shuttle Spindle Too Small For Cop.

If the shuttle spindle is very much too small for cop it will have to be replaced with a new one. A spindle can often be made large enough to hold a cop by opening it, but care is required so that the spindle will not cut the filling.

UNEVEN CLOTH.

Uneven cloth is a fabric in which the filling is not beaten into the cloth evenly, thereby causing the fabric to have a more or less cloudy appearance; also fabrics in which thick and thin places appear while loom is running. Very often uneven cloth is the result of imperfect working of the let-off motion though there are other causes for this defect:

Rope on Friction Let Off Binding.

The rope on friction let-off often binds in damp weather as it becomes sticky, owing to dampness and the yarn is not let off evenly. The rope should be taken off and thoroughly cleaned, then a little powdered black lead, French chalk or talc powder sprinkled on the rope and beam will work easy. Black lead is the best, also the most expensive, but only a little need be used at a time. Tallow is sometimes used, but this does not give good results as the ropes soon become sticky again, owing to dust and flyings accumulating on them. Oil is sometimes dropped on the rope by the weaver, but this should not be allowed as rope soon has to be cleaned owing to accumulations of dust and lint.

Take Up Motion Out of Order.

If the gears on take up motion are meshed too deep in each other they will lock and uneven cloth result. If the take up pawl takes up more than one tooth of the ratchet gear at certain times the cloth will be more or less thin at that point. If the pawl slips over the teeth in ratchet gear occasionally, thick places will result. The pawl will slip over teeth because it is worn and sometimes because of the teeth not being clear or deep enough.

Loose Crank Arm.

A loose crank arm will make uneven cloth on one side of the cloth.

Gudgeons or Beam Spikes Bent.

Gudgeons are sometimes bent when the loom beam is banged on the floor. This causes the beam to bind in the loom and the yarn is let off uneven causing uneven cloth.

Worn Pawl and Gear in Gear Let Off.

If the pawl in gear let off is worn it will pass over a few teeth in the ratchet gear when it ought not to, and yarn will not be let off evenly. Or, if the ratchet gear is worn the pawl will pass over a number of teeth and the yarn will not be let off evenly. In both cases uneven cloth will be made.

Weak Spring Behind Let Off Pawl.

The pawl is kept in contact with the ratchet gear by a small spring pressing against the back end of pawl. If this spring becomes weak, the pawl will slip over some teeth occasionally causing yarn to be let off unevenly. It is advisable to look out for this, for if the spring should break, the yarn will not be let off at all and a smash will result.

Small Pinion Gear too Deep in Beam Head.

The small driving pinion should not mesh too deep into the teeth on beam head as this will cause the beam to jump, especially if any small chips of iron have been left between the teeth on beam head. All new beam heads should be examined for this and all small chips taken out.

Worm and Worm Gear Binding.

The whole gear let off motion should work free and easy. If there is any binding whatever, either in worm and worm gear, ratchet gear or any other part, uneven cloth will be made. Care should be taken with this let off motion to have all parts well oiled and carefully adjusted.

Uneven Filling.

On fine goods uneven filling shows up very plainly in the goods and sometimes makes the cloth appear uneven.

Harness Straps Lapping Under.

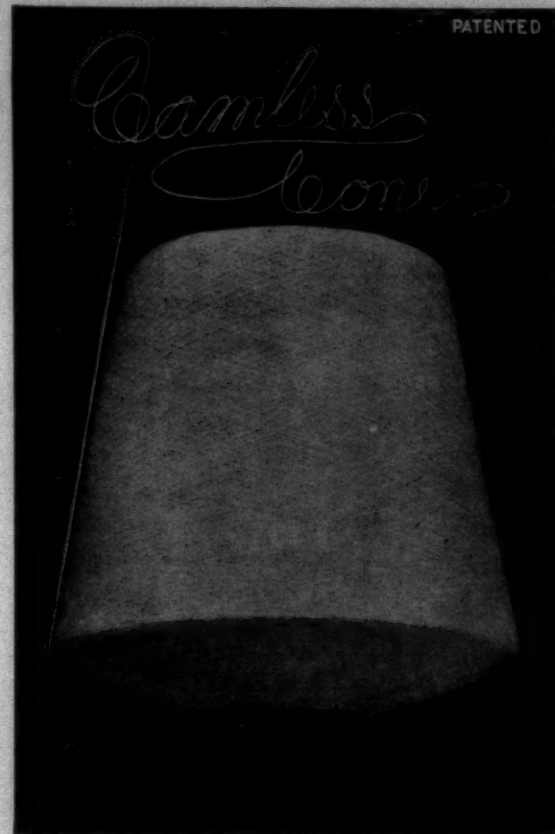
If the harness straps lap under each other, a jerky motion is given to the harness and this causes streaks in the cloth, especially on fine work.

The Proximity Mfg. Co., Greensboro, N. C., have ordered a car of the asking and furnish free cabbage seed Irish potatoes and sold them to and tomato plants. They have taken the operatives at cost or 45 cents per a man out of the weave room that peck, when the retail price was 90 had demonstrated his ability and cents per peck in the local stores. puts in full time as gardener.

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I therefore have caused to be filed in the UNITED STATES DISTRICT COURT, DISTRICT OF MASSACHUSETTS, a bill of complaint against the Foster Machine Company for infringement of the rights granted me under the above patents, and until the rights in this suit have been fully established by the courts, all purchasers and users of the Foster Machine Company's products, as represented by their Model No. 30 Cone Winder, are advised to take note and be governed accordingly.

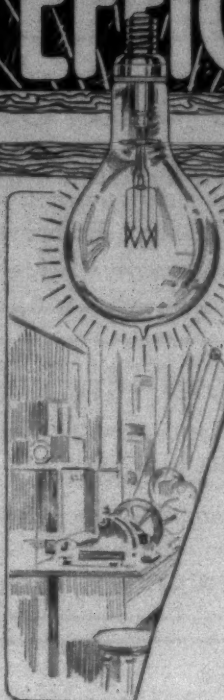
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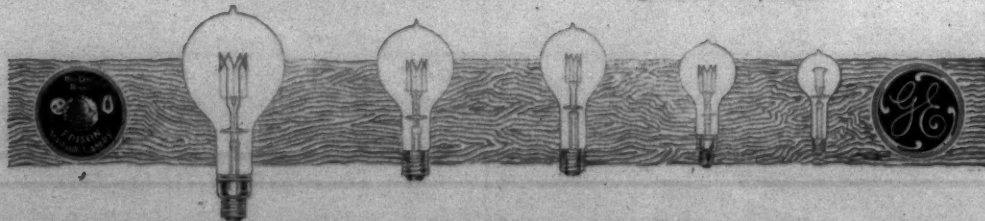
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Removal of Web from Doffer

When one or both the comb bands slip or are too slack, this, of course, causes the comb to be driven slower while the doffer is still bringing round the ordinary quantity of cotton to be stripped off. The comb cannot deal with the film of fibres efficiently if it is running less than its normal speed; consequently the film gains on the comb, or gets past the comb and runs up the doffer. The thickness of the film delivered and the number of strokes the comb makes in a given time, together with its setting, are the main features, which must be kept in balance; otherwise the preponderance will dominate the circumstances. If the taker in belt which drives the doffer is too slack, the comb, being driven at its normal speed, will stretch the web more and increase the breakages. The hank sliver will also be coarser.

The use of uneven laps, of course, would result in a fault. When the lap is too thick, the film on the doffer is also thicker, and possibly overcomes the efforts of the comb, with the result that it passes round and runs up the doffer. When the lap is too thin, the comb would be stronger comparatively and possibly stretch the web to the extent of breaking down the web in serious cases. The increased stretching of the thinner film, the draft, and the resistance of the atmosphere combined often do break the web down. When bad lap piecings are made, it is the equivalent to uneven laps, only the unevenness is not repeated as often. If the attendant allows the lap to "run in" a little, thin place results which causes the trouble set forth in the previous paragraph. If the ends of the lay overlay too much or the lap runs double, a thick place is caused which runs double, a thick place is caused which acts as previously explained.

Defective grinding of the doffer wire can also prevent the web being stripped properly. The results depend upon the manner in which the grinding is bad. If the wire is ground unlevel, that is, if the ends or sides of the doffer are either higher or lower than the remainder, then the comb cannot be set properly. The fault then arises of either the comb being too near or too far away on the different parts of the doffer, just as the case may be. If the grinding is bad in the shape of the wire having been hooked by heavy grinding, or the wire spoiled in any shape or form, so that the teeth do not present a good firm level surface to the stripping comb, then the fleece or film is apt to cling to the bad or holding positions of the hooked wire and thus move round with the doffer.

Dents in the doffer will produce similar results to bad grinding. The comb cannot be set to suit every little irregularity that may exist, so that whenever there is a dent the comb will be too far away at that particular place. The cotton may be stripped off, but it will be owing to its adhering to the surrounding portions which are laid on the doffer where there are no dents; hence, the whole film will come

away together in this case. The remedies for bad grinding and dents are to remove the fault. If the doffer is unlevel, then grind it level. If the wire is hooked, have it faced up to remove the hooked points. Some carders burnish the wire and then grind very lightly. If there are dents or hollow places, the best plan is to "get them up," then grind and reset.

In some cases the atmosphere in the card-room is allowed to change to the extent of slightly rusting the doffer wire so that it is very difficult to remove the cotton continuously, and in some cases impossible, until the doffer has been lightly ground for a few minutes. Sometimes all the cards are stripped and a hand burnisher then used before the comb will remove the web satisfactorily.

Excessive vibration in the comb box can also cause the comb not to strip the web properly. There are also several causes of this vibration. For instance, if the vibration was set up through being short of lubrication, the comb would oscillate too slowly with the results of a slow comb. If the comb was vibrating owing to the band being too tight, then the comb would again be moving too slowly owing to the binding caused through the excessive pull of the band. If the comb was vibrating owing to being a bad fit in the comb box, or pedestals, then there would not be the correct setting required for accurate work as the amount of vibration would represent the extent that the comb would be moving out of its true setting.

When the trumpet in the coiler top requires polishing, there would not be any sagging between the doffer and the card box, but between the doffer calender rollers and the coiler top. This is an instance of the obstruction of the draft between the coiler top and the calender rollers. The sliver funnel in the coiler top may have a little "blow hole" in, or a moulding fault, and thus again cause the sliver to run slack between the coiler top and the calender rollers (delivery side,) but would not affect the web itself. If the blow hole was in the doffer trumpet, the web would sag and probably break down.

There is frequently much trouble, when starting up cards first thing in the morning, to prevent the web breaking down after being stripped from the doffer, or else refusing to be stripped at all. The cause is generally owing to the card having stood all night, or over the week end, as the case may be, in a changeable atmosphere as regards both temperature and humidity. The use of a thermometer with wet and dry bulbs in every card room is strongly advised, the dry bulb preferably being arranged to indicate if there has been any fall in temperature during the night.

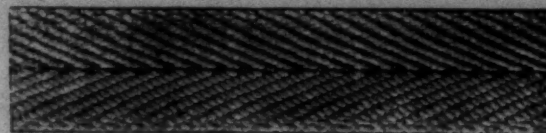
Cards near to draughts and windows suffer most because they are more subject to the excessive and sudden variations from the proper atmospheric conditions. The draughts either from doors, windows, big belts or pulleys, or any

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other source, disturb the web by causing a movement in the support of the said web. As previously pointed out, the web depends partly upon the atmosphere for its passage from the comb to the card box; and if this support is moving about, no matter in what direction the web is affected thereby. The only remedy for these draughts is to stop them from reaching any part where they are not wanted. Cards situated near windows suffer because in addition to the possible draughts, they certainly are affected by the sudden fluctuations of outside temperature and weather conditions, sun-shine, rain, snow, frost, etc., more than the cards nearer the centre of the cardroom. In frosty weather the atmospheric conditions tend to be dry, as is also the case during the prevalence of dry winds.

The cotton under these circumstances ceases to have the natural features already mentioned as being necessary. It ceases to be as pliable and elastic, but becomes more brittle and curly. Instead of the fibres being in the condition to twist gently around the neighboring fibres and thus form a clinging web, each fibre tends to violently curl upon itself and thus there is not the same cohesion. Therefore, there cannot then be the gentle pull between the calender rollers and the comb as every fibre is pulling upon itself, and the consequence is that the web will not hold together; it breaks down, runs up the doffer, and plays all manners of pranks. All the so called remedies are only temporary expedients, the real remedy is to remove the cause of the trouble, which means that the atmosphere of the room must be attended to until it is in a suitable condition, and then maintained; also to make sure that the cotton in the laps is acclimatized well.

Whitening and French chalk are both used to assist in starting up troublesome cards the first thing in the morning. The French chalk can be scattered by hand or by a sieve on the layer or sheet of cotton as it is unrolled and passing to the feed roller. Or a piece of lump whitening can be lightly pressed on the wire as the doffer revolves, thereby causing the web to be slightly heavier and assist in its being stripped; the majority of the whitening falls away from the cotton before reaching the coiler can. The French chalk or powdered whitening can be spread on a piece of waste and then applied to the doffer to assist stripping.

In some cases, when the web continually breaks down first thing in the morning, the lap is removed and a new one tried in place of the old one that has stood on the card all night; but if the new lap has been touched by the frost or dry wind, it will be no better than the old lap. The advantage derived from using a fresh lap, whenever this is done, is owing to the lap being brought from some place or position where it has been able to retain more moisture compared to the lap which it has to replace.

Commencing the card on the slow motion and then gradually increasing the speed is another method of starting up troublesome cards. This

procedure is to enable the comb to become the master of the situation and then to increase the speed and trust to luck so to speak. To start by using the slow motion, the comb will strike the individual fibres at least twice as often as it otherwise would do as they are leaving the doffer, and these extra blows help to compensate for and overcome the curly, frisky nature of the cotton when it is working under adverse conditions.

The spraying of water by a dredging can upon the floor is another method of dealing with the adverse conditions. By infusing some humidity into the atmosphere it is expected to prevent the fibres from curling too much. Needless to say this is a very effective method, but perhaps not as quick in acting as the use of whitening and French chalk. Cold or hot water can be sprayed on the floor according to conditions. Cold water in hot weather is very beneficial. The first requirement in such cases is humidity, and this must be obtained from the evaporation of the water placed on the floor. If the weather is hot, then cold water on the hot cardroom floor will serve two purposes. It will create humidity, and it will also cool the air at the same time. If the weather is cold or a trifle frosty, it is seldom that there is a dearth of humidity in such weather unless it is very frosty or east winds prevail. The warm water in this case will give the humidity and warm the atmosphere also. It will increase the humidity quickly because it is already nearer the point of evaporation when placed on the floor. If cold water was placed on a cold floor, the evaporation would not take place in anything like the same effective manner. In a certain mill, much trouble was experienced in the morning and after meal times in starting up the cards during hot and also during frosty weather. A watering can and cold water was used to sprinkle the floor in hot weather and hot water in cold weather, before a start could be made without a great deal of excessive waste accumulating. Also during frosty weather two taps connected to the steam pipe were opened to humidify the atmosphere still further.

If a damp lap is used, the fault is the opposite to dryness, and, paradoxical as it may seem, French chalk and whitening are used to surmount the difficulty. The reason why the same remedy is applied for the two faults is because there must be something of a powdery nature used; it must be cheap and also not injurious either to the cotton or the machinery. The fact that it will assist to overcome both faults is because when placed on the cotton that is too dry the powder is damper than the cotton and thus dampens it; if it is not damper, then it possesses the weighting properties required to straighten the curling fibres out a little. When placed on the damp cotton, the powder must be drier than the damp cotton in order to neutralize the dampness in the cotton. The chalk absorbs a certain amount of the moisture from the cotton and then drops off.

—Indian Textile Journal.

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ROGERS W. DAVIS, SOUTHERN AGENT
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BETTER PRODUCTION AND BETTER CLOTH

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NO THREAD EVER CUTS THROUGH THE HARNESS EYE

DISCUSSIONS BY PRACTICAL MEN

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I help everybody—I find my friends among the rich and the poor—the young and the old—the strong and the weak.

I save the lives of thousands upon thousands of wage earners every year.

I am omnipotent—saving arms, limbs, eyes, bodies—the lives of fathers, mothers, brothers, sisters, relatives and friends.

I am omnipotent—in the home, in the mill, in the factory, on the street, on the railroad, on the sea, in the air.

I prevent mental worries and physical pains.

I bring health, joy and happiness

I am a panacea for the majority of all human miseries and troubles.

I bring smiles and happiness wherever I go.

I augment your Bank Account, for I am a "money-saver."

I add years to the lives of hundreds of thousands.

I make life really worth living.

I am constructive, not destructive.

I am a co-partner of Good Judgment and Common Sense.

I am a "Joy Dispenser," a "Life Saver" and a "Good Fellow well met."

I AM "SAFETY FIRST."—Bulletin from National Safety Council.

Preserving Vegetables and Fruits.

It is not too soon for the thrifty housewife to begin to look over her supply of fruit jars and if short to purchase same at once. Prices on these have advanced along with other things, but this is not the worst; it seems the demand will greatly exceed the supply this season. Everybody intends to can for the coming winter. It is most necessary.

Many of the mill population are

fortunate in having a good supply of jars on hand. These should be carefully kept. Where new jars are to be gotten the "Ezy Seal, Queen," or other make of latch top jar is preferable to the screw top jar. The ordinary Ball or Mason jar using a screw top should be provided with a new top each year. The new all glass tops are best and will last indefinitely. They fit any of the old fashioned screw top jars.

All tumblers or other suitable receptacles for jellies, marmalades, etc., should also be saved as should the wide mouth bottles. It seems the ordinary tin cans will be sold at prohibitive prices this season and as these require special equipment not usually found in mill villages the use of glass is recommended, these being better understood by all.

Cooking the goods in the jar, or can in which it is to remain not only saves much labor, but frequently the contents. Much loss is occasioned where transfers are made from cooking vessel to jar. Every jar and top should be thoroughly sterilized by boiling for at least 10 minutes. The jar should be filled as soon as removed, the top placed in position loosely and the processing carried right along. Where the germs are entirely killed in the jar and its contents and then sealed air tight no losses should occur. Cleanliness, heat, time and perfect jars and covers are the necessities in canning. Such vegetables as beans, peas, okra, corn and asparagus are usually difficult to keep unless cooked in closed steam vessel with pressure impossible to get unless one has the more expensive canning outfits. This is the year above all others for economy. The average home which has wash pot or a galvanized iron tub need not consider the modern canner with added conveniences. Mount the tub on bricks, place crumpled poultry wire or slat bottom inside to prevent direct contact of the jars with heat and you have a canner that will do most creditable and successful work. A cover will help to retain the heat. Berries and fruits, tomatoes, etc., are easily canned with one operation, usually

about 15 to 25 minutes hard boiling is sufficient. For the other things mentioned the intermittent process should be used, that is, boiling an hour a day for several days, corn for instance, an hour a day for 5 days. By so doing the adult bacteria are killed each day until their spores are entirely destroyed. This is hardly possible with the hot water bath method in one operation. Increase the heat and we reduce the time of cooking and vice versa.

The so-called "Preserving Powders" should not be used under any circumstances whatsoever. It is not considered necessary to give any definite information regarding the details of canning as bulletins on this subject can be secured from U. S. Department of Agriculture, gratis, upon request.

For economic reasons the writer intends using a number of small tin buckets saved about the house for canning such things as apples, peaches, berries, etc., in fact almost anything. Some of the good quart or number 3 cans are also being saved to use should present supply of jars be insufficient. A circular piece of tin will be cut from other waste cans to fit the opening, the goods placed as usual, the top soldered tightly and the receptacles boiled as usual. This however, requires some mechanical experience, but many of the men about the mill can do the work successfully. Where the family is small the use of the smaller receptacles, such as pints and quarts is recommended so the entire contents of the jar can be used before it deteriorates in food value.

Jas. L. Carbery,
Rock Hill, S. C.

Karl Bicknell as Recruiting Officer.

K. A. Bicknell, Southern representative of H. A. Metz & Co., has been placed in charge of the matter of enlisting men in the Charlotte district who desire to go to Fort Oglethorpe Ga., for the course of training authorized by the War Department for men who aspire to commissions in the new army.

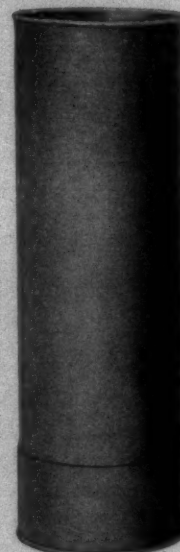
Mill Boy Drowned at Anderson, S. C.

Floyd Belcher, 14 years old, an employee of the Orr Mills, Anderson, S. C., was drowned Monday afternoon in Major Pond, just back of the Orr Mill.

With several friends, the boy was swimming in the pond. He told his companions that he was going to swim across the pond, but when about halfway across, he was stricken with cramp and was drowned before assistance could reach him. The body was recovered.

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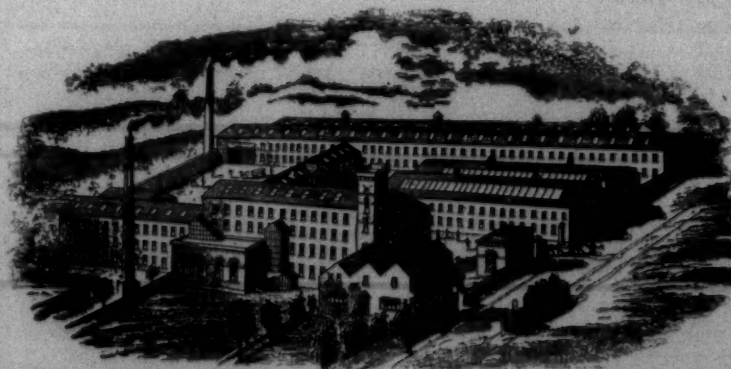
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RICHARD D. THOMAS, Southern Agent

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Added Light—Lowest Ultimate Cost—Permanent Finish.

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M. C. THOMPSON, President and General Manager

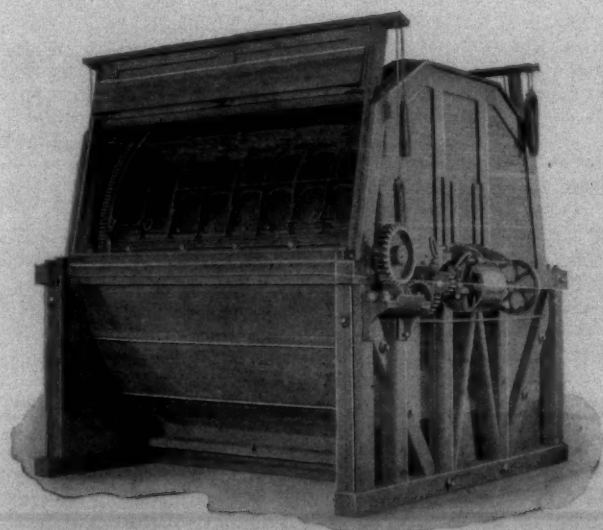
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SOUTHERN TEXTILE BULLETIN

Offices: Room 609 Realty Building, Charlotte, N. C.

Published Every Thursday By
Clark Publishing Company

DAVID CLARK.....Managing Editor
D. H. HILL, JR.....Associate Editor

SUBSCRIPTION.

One year, payable in advance.....	\$1.50
Other countries in Postal Union.....	3.00
Single Copies.....	.10

Contributions on subjects pertaining to cotton, its manufacture and distribution, are requested. Contributed articles do not necessarily reflect the opinion of the publishers. Items pertaining to new mills, extensions, etc., are solicited.

ADVERTISING.

Advertising rates furnished upon application.
Address all communications and make all drafts, checks and money orders payable to Clark Publishing Company, Charlotte, N. C.

Entered as second class matter March 2nd, 1911, at the postoffice at Charlotte, N. C. under the Act of March 3d, 1879.

THURSDAY, APRIL 26, 1917

Labor Supply.

We have received from many mills reports of shortage of labor and there are indications that the shortage is growing worse and may become very severe.

Spring usually sees many families go back to the farm temporarily and this year the demand for increase of crops has tended to enlarge that movement. The increase of spindles and the starting of of night work by many mills has also had its effect in absorbing the surplus labor supply with which we have been blessed during the last few years.

Conscription for the army will hit the mills at an early date and on August 1st or September 1st, the Keating Bill will still further reduce the supply.

We have no desire to take a pessimistic view of the situation but we believe that we are approaching a labor shortage and we think it best to realize the conditions that will exist and start now to secure operatives to fill the vacancies.

Our logical point for securing labor is the mountain district of North Carolina and Tennessee, and we believe that a publicity campaign should be run in all the mountain papers for the purpose of showing the mountain people the advantages of cotton mill life.

We have some ideas along such lines that we will be glad to give to those mills that are interested.

Reducing the Cost of Mill Life.

It may appear to some of our readers that we are devoting too much space to the question of the cost of living in mills but we consider it to be a vital matter and the time for planting gardens is rapidly passing.

The entire county seems to be alive to the necessity of producing more food stuffs and we want the mills and the mill people to prepare now to meet conditions that will surely arise.

At our request Prof. Jas. F. Carberry has furnished the following list of bulletins which can be obtained by writing to the U. S. Dept. of Agriculture at Washington, D. C.

Farmers' Bulletin No. 647 on "The Home Garden in the South."

Farmers' Bulletin No. 533 on "Good Seed Potatoes and How to Produce Them."

Farmers' Bulletin No. 295 on "Potatoes and Other Root Crops as Food."

Farmers' Bulletin No. 433 on "Cabbage."

Farmers' Bulletin No. 289 on "Beans."

Farmers' Bulletin No. 642 on "Tomato Growing in the South."

Farmers' Bulletin No. 354 on "Onion Culture."

Farmers' Bulletin No. 232 on "Okra."

Co-operative Extension Work in Agriculture Bulletin No. A-87 on "Peanut Growing in the Cotton Belt."

The following can be obtained from Clemson College, S. C.

Bulletin No. 14—"Agricultural Stories for Children."

Bulletin No. 16—"Poultry Culture for South Carolina."

The following can be obtained from the North Carolina Department of Agriculture, Raleigh, N. C.

Extension Circular No. 43 on "Home Garden Suggestions and Vegetable Seeding Calendar."

Extension Circular No. 10 on "The Home Garden."

Extension Circular No. 10 on "Canning and Preserving."

Extension Circular No. 3 on "Storage of Sweet Potatoes."

Bulletin No. 221 on "Profitable Poultry Raising."

We have no list of the publications issued by the Agricultural Departments of Georgia and Alabama, but a request for bulletins dealing with home garden work would bring a number of instructive pamphlets.

Every cotton mill should secure a complete set of the above bulletins and place them where they can be read and studied by the mill people.

It would be a good idea to have mass meetings of the mill population at which the work of planning and cultivating gardens could be discussed and explained.

Two weeks ago we suggested the mills of North Carolina get in touch with Commissioner of Agriculture Wm. A. Graham and quite a few of them did so at once.

The following letter tells of one of these meetings:

Selma Cotton Mills Company

Selma, N. C., April 18th, 1917.

David Clark, Editor

Southern Textile Bulletin,
Charlotte, N. C.

Dear Sir:

Referring to your editorial in last week's issue regarding getting representatives from the State Agricultural Department to visit our mills and give instruction on gardening, soils, etc., will say that I read this day and night. On Monday I called up the State Department of Agriculture, got in touch with Major Graham, and arranged to have three men and a lady to be with us on Tuesday afternoon and night.

We met in the afternoon so that many of the mothers might attend and in the evening for all who cared to attend, and it was a very successful occasion.

Mr. Parker first spoke of the nature of our soil, when and what to plant, and after him Mr. Hull spoke on the care of plants and then Mr. Sherman spoke on the extermination of the potato bugs and similar pests.

After these gentlemen had given valuable ideas of how to grow and what to grow, Miss Pickens, our county demonstrator, made a very instructive talk on how to can and preserve the crops after they were made. She also promised to come over any time and organize our girls into a club and to instruct them in

the art of canning by the latest methods.

At the evening meeting the Philathea Class of the Mill Sunday school entertained us with songs in between the addresses. After the meeting refreshments were served by the Philathea Class, to all present.

We believe this to have been one of the most profitable meetings ever held in our village, thanks to your suggestion. We are,

Yours very truly,

Selma Cotton Mill,
Geo. F. Breitz, Supt.

To our mind it is even more important to be able to can and preserve the vegetables than it is to raise them for they will undoubtedly be plentiful this spring and early summer, but when the season for each is over the prices will go skyward.

The man who wonders whether it is worth his while to raise and can vegetables will do well to look at the midwinter prices, for the last three years, on three important staple storage foods:

	1915.	1916.	1917.
Beans, per lb.....	.07	.09	.15
Onions, per lb.....	.03½	.04½	.12
Potatoes, per peck..	.22	.37	.76

These are the average retail prices prevailing on the 15th of each February, as collected by the Government Bureau of Labor Statistics. Beans up 100 per cent, onions up more than 200 per cent, potatoes up to nearly four times their old value.

In February, 1918, the prices of beans, onions and potatoes will probably be far above the high prices of 1917 and the only way to prevent it is to can and preserve the vegetables while they are low in price this spring and summer.

We have induced Prof. Carberry to write an article on this subject and it will be found in this issue.

As we stated two weeks ago it matters not to the mill operative whether you increase his wages or decrease his cost of living.

It is possible to decrease his cost of living by giving serious and businesslike attention to the home and community garden in the mill villages and securing cans and jars for preserving vegetables and fruits.

If we can wake the mills up to this problem before it is too late we feel that we will have performed a real service to the textile industry of the South.

Why Not Repeal It?

Since the passing of the Keating child labor law 'hings in the United States have changed wonderfully, and there is no use of the enforcement of the Keating child labor law now, if there ever was. This law prohibits the working in mills of boys and girls between the ages of 14 and 16 years, where the product is shipped out of the state, but since the United States has entered the war with the allies and proposes to assist them in every way why not repeal this law for a year or so at any rate. The allies need the product of the American cotton mills as well as foodstuff or any other product from this side of the Atlantic.—Lindale correspondence to Rome (Ga.) Tribune-Herald.

PERSONAL NEWS

E. C. Holt has resigned as president of the Delgado Mills, Wilmington, N. C.

R. R. Bellamy has been elected president of the Delgado Mills, Wilmington, N. C.

M. W. Jacobi has been elected vice-president of the Delgado Mills, Wilmington, N. C.

Geo. Cooper, of Belmont, N. C., has become overseer of carding at the Albion Mills, Mt. Holly, N. C.

S. V. Upchurch has resigned as superintendent of the Gem Mills, Cornelius, N. C.

T. C. Smith is now superintendent of the new Griffin (Ga.) Hosiery Mills.

F. D. Williams has accepted position as overseer of spinning at Swift Mfg. Co., Columbus, Ga.

J. A. Glasgow has become overseer of carding and spinning at the Lilly Mills, Spray, N. C.

W. R. Owen has accepted the position of overseer of carding at the Aldora Mills, Barnesville, Ga.

T. N. Reeves has resigned as overseer of spinning at the Louise Mill, Charlotte, N. C.

E. A. Warmex has resigned as section hand in carding at the Fitzgerald (Ga.) Mills.

C. B. Suttle has resigned as superintendent of the Elizabeth Mills, Charlotte, N. C.

D. D. Earp has been promoted to section hand on speeders at the Erwin Mills, West Durham, N. C.

Frank Wilson, of Mariposa, N. C., has accepted the position of superintendent of the Avon Mills, Gastonia, N. C.

W. H. Gibson, Jr., of Fairmont, S. C., has accepted the position of assistant superintendent of the Union-Buffalo Mills, Union, S. C.

Sam Speaves has been promoted from section hand to second hand in carding at the Erwin Mill, West Durham, N. C.

John Morgan, of Indianapolis, Ind., has accepted the position of overseer of spinning at the Fulton Bag and Cotton Mills, Atlanta, Ga.

R. A. Hubbard has been promoted from carder and spinner to superintendent of the Gem Mills, Cornelius, N. C.

Henry Miller has resigned his position as overseer of carding at the Exposition Mills, Atlanta, Ga., and accepted position as superintendent of the Ensign Mills, Forsyth, Ga.

G. H. Starnes has resigned as section hand in carding at the Exposition Mills, Atlanta, Ga., and accepted a similar position at the Fitzgerald (Ga.) Mills.

D. E. Loring of Charlotte, has accepted the position of overseer of spinning at the Albion Mills, Mt. Holly, N. C.

C. H. Carr has resigned as superintendent of the Danielson (Conn.) Cotton Mills and accepted a similar position at the Pomona Mills, Greensboro, N. C.

R. L. West has resigned his position at the Hannah-Pickett Mills, Rockingham, N. C., to become overseer of the cloth room at the Aniston, (Ala.) Mfg. Co.

D. C. Williams has resigned as superintendent of the Avon Mills, Gastonia, N. C., and accepted a similar position at the Elizabeth Mills, Charlotte, N. C.

R. H. Layton, of Fayetteville, N. C., has accepted the position of superintendent of the A. A. Shuford Mill Co., and the Highland Cordage Co., Hickory, N. C.

J. E. Marchant has resigned as overseer of the cloth room at the Hermitage Mills, Camden, S. C., and accepted a similar position at the Palmetto Mills, Columbia, S. C.

John Barret has resigned as overseer of weaving at the Hannah Pickett Mill, Rockingham, N. C., to become overseer of spinning at the Louise Mill, Charlotte, N. C.

W. C. Rowland has resigned as overseer of weaving at the Hermitage Mill, Camden, S. C., and accepted a similar position at the Hannah Pickett Mill, Rockingham, N. C.

P. A. Smith has been transferred from overseer of twisting at the Bibb Mfg. Co., Columbus, Ga., to night superintendent of the Bibb plant at Porterdale, Ga.

W. Y. Harrison, superintendent of the Covington, (Ga.) Mills, was an Atlanta visitor last week, having made the trip in a new Hudson car which he recently bought.

W. P. Hurt, formerly superintendent of the Fulton Mills, Athens, Ala., has accepted the position of general superintendent of the Albion and Mt. Holly Mills, Mt. Holly, N. C., and the Stanley Mfg. Co., Stanley, N. C.

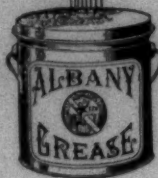
Free Rent at Goldville.

The management of the Banna Mfg. Co., Goldville, S. C., has announced that they will for an indefinite time, give their employees free house rent. President Wright is urging all of the employees to plant gardens.

Messrs. Epps and Goff:

Are you helping the South to gain leadership in finishing? See full-page message by my company in the May 3rd issue.

GEO. PRITCHETT, GREENSBORO, N. C.



Albany Grease is used on every bearing from the power house to line shafting where a dependable, efficient, economical lubricant is desired. Albany Grease is the most universally used lubricant in Textile Mills throughout the world. A sample and a cup will be sent upon request for trial. No charge made.

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Have you calculated the force and number of blows with which the Picking Cone pounds your looms in a year's run? The rate is faster than a clock can tick! As often as your heart beats shock and vibration travel to every part of the loom!

The strain and shock and lost motion demand an enormous annual toll in unnecessary and in wasted labor, in repair bills, in cams, in gears, in belts, in shuttles, in picker-sticks, and other supplies, as well as in stoppages and in lost production.

CLINTON CAM COMPANY

CLINTON, S. C.

J. D. Buice, superintendent of the cost. He said while his people were Chadwick-Hoskins Mill, Pineville, not going to give up their beautiful flower gardens, they were going to have their vegetable gardens as well. He said while his people were Chadwick-Hoskins Mill, Pineville, not going to give up their beautiful flower gardens, they were going to have their vegetable gardens as well. He said while his people were Chadwick-Hoskins Mill, Pineville, not going to give up their beautiful flower gardens, they were going to have their vegetable gardens as well.

MILL NEWS ITEMS OF INTEREST

Greenville, S. C.—Two of the houses in the Monaghan Mill village were totally destroyed by fire Sunday morning.

Lincolnton, N. C.—Rhynes Mills have recently completed four new houses in their village, and are repainting all of the other houses.

Lynchburg, Va.—The Lynchburg Hosiery Mills will build an addition to their plant to cost about \$15,000. A considerable amount of new machinery will be installed.

Raleigh, N. C.—The Melrose Knitting Mill will shortly begin work on an addition to their plant. A tower is to be erected for the office and main entrance, and the spare room vacated by the officers will be used for new machinery.

Orangeburg, S. C.—The plant of the Orangeburg Manufacturing company was sold here Friday to creditors of the corporation, under United States court proceedings. The price paid was \$242,000, the upset figures fixed by the court. It is stated that the plant will continue operation without a break.

Anderson, S. C.—The Hetrick Hosiery Mill will be located on the corner of Earle and Manning streets. Mr. Hetrick stated that he hopes construction of the mill building will be commenced right away. He says they have plans of enlarging their plant at Walhalla and it may be that work here and there can be carried on at the same time. The building to be erected on the corner of Earle and Manning streets will be about 50 feet wide by 245 feet deep.

Wilmington, N. C.—At the annual meeting of the stockholders of the Delgado Mills, Co., E. C. Holt, founder and president resigned as the head of the company and will return to Burlington, where he has other business and mill interests. Mr. Holt built the mill 17 years ago and has managed its affairs ever since. Resolutions of regret at the departure of Mr. Holt were adopted by the stockholders.

R. R. Bellamy was elected president; M. W. Jacobi, vice president, and Thomas R. Ames, secretary. Directors: Robert R. Bellamy, James Sprunt, E. C. Holt, M. W. Jacobi, C. E. Taylor, J. A. Springer and W. D. MacMillan, Jr.

Newton, N. C.—Thousands of feet of lumber and car loads of material daily are being delivered at the site of the new Yount cotton mill just north of Newton in the edge of Conover, and the construction work is being pushed by a large force of workmen. The building, nearing the second story, is to be 80x200 feet, two stories, and is located on one of the prettiest cotton mill sites in the state. The machinery for the new plant will come from Walterboro, S. C., where John P. Yount

months ago purchased and has since been operating a large mill. By September 1 the equipment will have been moved to Conover and placed and the mill in full operation. A mill village of 30 houses is in process of construction.

Victor-Monaghan Mills Pay Dividends.

Announcement has been made of a dividend of 1 per cent payable May 1st, on the common stock of Victor-Monaghan Company, which takes the place or stands for the stock of the Parker Cotton Mills Company. In addition to the dividend on the common stock, a dividend of 5 1-4 per cent has been paid to the holders of the Victor-Monaghan Company preferred, which stock takes the place in the reorganization of the old Parker guaranteed. This is at the rate of 7 per cent from the first of July, 1916, to the first of April, 1917.

In the fall of 1914 these properties found themselves greatly embarrassed by reason of war conditions and other causes, and great apprehension was felt, not only by the creditors but also by the stockholders of Parker Cotton Mills Company, as to the value of their securities. Under published statements of the company the old Parker stockholders under the new company own practically without, eight plants of 240,000 spindles, and the declaration and payment of these dividends regarded by many as evidence not only to the stockholders but also to the public, that the affairs of the company have been wisely and judiciously managed to bring about such a result in so short a time.

Thread Mills Pay Bonus.

Beginning April 14, the Thread Mills Company at Draper and Spray, N. C., are adding an amount each pay day equal to 20 per cent of the wages of their help who make full time, and this will continue as long as business permits.

Durham Mill to Have Community Building.

Important plans looking to community development were announced Saturday afternoon by J. S. Carr, Jr., president of the Durham Hosiery Mills, Durham, N. C., with the opening of a new community building, established by the mills. Mr. Carr announced that a regular hospital clinic will be established in connection with the new building, as will be a large library and milk station. The milk station will be for furnishing mothers with sterilized milk for infants. Mr. Carr further announced that open air motion pictures will be introduced in Edgemont, the mill section of the city. The pictures will be shown throughout the summer months free of charge. During the past week the officials of the mills have distributed 1,500 cabbage plants to employees.

It was learned that Mr. Sheckley would most probably be able and willing to comply with these conditions so it is practically safe to assert that he will be the contractor on this job.

H. Olin Jones, an architect of Greenville, will have charge of the building of this school which will be erected near the Mills Mill and will be known as the "Mills district school." Work on the structure is to commence immediately and the directors hope to have it completed and ready for occupancy by the beginning of the next school term in September.

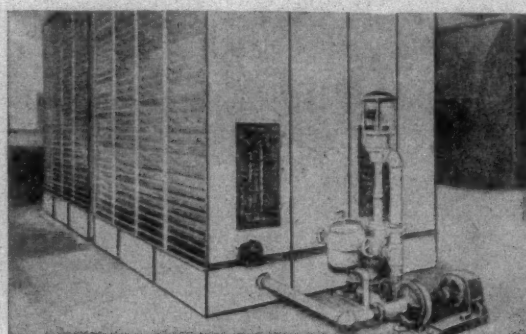
This building is to cost about \$25,000 and will serve the children of families residing in the mills village and many in the section of Augusta street and that vicinity. This will better the school conditions as many children will not be forced to walk any considerable distance to attend the sessions.

Mills School Contract Is Let.

The contract for the district school to be erected at Mills Mill village, Greenville, S. C., was on certain conditions, awarded to R. G. Gaffney Manufacturing Company and the Limestone and

Houses Free For employees.

Beginning the first of this month the houses occupied by the employees of the Gaffney Manufacturing Company and the Limestone and



Air Conditioning

Outside weather conditions never interfere with a Carrier-equipped mill. You get good, careful engineering with every Carrier installation. Specially designed to meet individual conditions and guaranteed to do exactly as represented.



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FOR UNIFORMITY IN QUALITY, MILLWORK AND GRADES IT IS UNEQUALLED.

THE BIGELOW-COOPER COMPANY
BAY CITY, MICH.



EXCLUSIVE SOUTHERN AGENTS

WILLIAM M. LLOYD COMPANY

200 INDEPENDENCE BUILDING

CHARLOTTE, N. C.

Hamrick Mills all of Gaffney, S. C., are furnished by the managements free of charge. At the last session of the legislature a bill to require cotton mills to furnish operatives houses free of rent was introduced but it failed to pass. Nevertheless, the above manufacturing companies have decided to take this step in order to help the people meet the high cost of living.

J. K. Livingston & Co. Open Charlotte Office.

J. K. Livingston & Co. stand very known cotton merchants of Savannah, Ga., have opened a branch office at 23 W. 4th St., Charlotte, N. C., with H. B. Parker in charge.

J. K. Livingston & Co. stand very high in the cotton world and make a specialty of handling staple cotton.

Mr. Parker was selected for the Charlotte office because of his knowledge and experience gained from handling both staple and upland cotton for many years.

John G. Johnson Left Large Estate.

A Philadelphia paper gives the following account of the will of John G. John the Philadelphia lawyer, who had been employed to attack the constitutionality of the Keating Bill, but who died recently:

"John G. Johnson's famous art collection, valued by him at more than \$5,000,000 is given by his will to the city of Philadelphia. By the terms of the will, made public, his handsome residence, in the heart of the city, and the 600 paintings it contains are to be the property of Philadelphia for use as a public museum, to be maintained by the city, provided it accepts the bequest within six months. If it fails to do so, the paintings are to go to the Metropolitan Museum of New York.

There are bequests of about \$400,000 to individuals, and the income of the remainder of the estate, estimated at several millions, is left to Gen. Edward De V. Morrell, a stepson, and other relatives.

At the death of Gen. Morrell, in the event that he leaves no descendants, the residuary estate goes to the University of Pennsylvania."

R. L. Wilson Killed by Explosion.

R. J. Wilson, chief engineer at Ottaray Mills, Union, S. C., was so badly injured by the explosion of a whitewashing device upon which he was experimenting Tuesday afternoon of last week that he died from his injuries shortly after. The accident was a most peculiar one. The deceased had rigged up an oil barrel, attaching a spray nozzle, a safety guage and a tube for pouring in the whitewash mixture. He then connected the barrel with a pipe carrying compressed air.

PURO

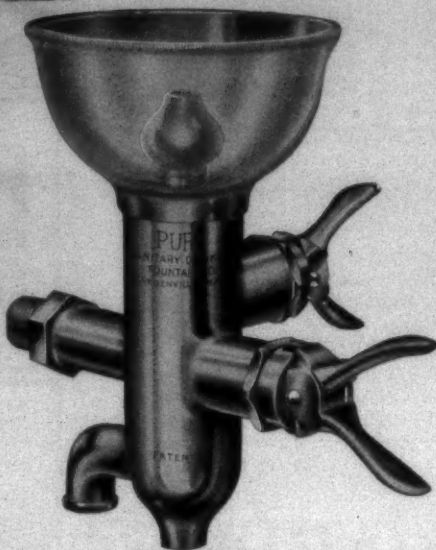
In Our Prosperity why not Increase Your Assets by Installing Sanitary Drinking Fountains.

Combine SAFETY with SERVICE by using our device thereby saving 35% of wasted water and 60% employees drinking time and prevent loss of time by keeping your help in good health.

Now that the warm weather is approaching, your water problems again face you. Why not tell us your troubles. We are experts in this line.

A Postal will bring full particulars.

Puro Sanitary
Drinking Fountain Company
342 Main St., Haydenville, Mass.



Actual Size 7" High



No Shadows

One of the objections to humidifiers is the overhead piping which—especially in saw-tooth roofs—casts disagreeable shadows.

THE TURBO HUMIDIFIER

has as a possible ramification its ring construction; the rings are around the posts and the piping all underneath, out of the way. No shadows with the Turbo Ring Construction. This may seem a minor detail, but it is one of the Turbo points that leads toward satisfied customers.

Get Turbofied—and satisfied.
be satisfied.

Just say the word—NOW—to

THE G. M. PARKS CO.
Fitchburg, Mass.

Southern Office 1006 Commercial Bld., Charlotte, N. C.

J. S. COTHRAN, Manager

Having filled the barrel about two-thirds full of the whitewash mixture, which was composed of lime, glue and rice meal, mixed with water the day before and having closed the opening through which the mixture was fed into the barrel, he had a colored man hold the spray nozzle ready to throw the mixture upon the wall. When he turned the compressed air into the upper section of the barrel the barrel flew upwards for six or eight feet, leaving the bottom and contents on the floor. Mr. Wilson was struck on the forehead by the rim of the barrel as it ascended, and knocked backward, striking his head upon the cement floor. A gash was cut in the forehead, but it is thought that death resulted from the fall to the cement floor. The tragedy occurred in the boiler room of the mill.

Mr. Wilson is survived by his wife, who was before her marriage Miss Gregory, daughter of Simeon Gregory, deceased, and three children.

SHAMBOW SHUTTLE

What shuttle you put into the looms has a great deal to do in determining

the percentage of production and quality of cloth that comes out



with Shambows "Reshuttle"

Address

SHAMBOW SHUTTLE CO.
Woonsocket, R. I.

LEATHEROID MILL BARRELS



All Fibre

Very Durable

Stock Size
20 x 30

\$3.50

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1024 Filbert St. PHILADELPHIA, PA.

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BOSTON, MASSACHUSETTS

WILLIAM FIRTH, President

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THE ONLY PERFECT SYSTEM OF AIR MOISTENING
COMINS SECTIONAL HUMIDIFIER

SOUTHERN OFFICE, Empire Building, ATLANTA, GEORGIA

Cotton Goods Report

New York.—The cotton goods markets were comparatively quiet last week and there being a lull in the heavy buying of the past few weeks. There was some buying going on all the time and there was no indication that buyers are losing interest in the market. The chief feature of interest during the week was Government orders. Since the declaration of war, buying by the Government has been on an immense scale. All kinds of cotton goods have been bought for delivery through April, May and June. Heavy cotton goods have been the best sellers and enormous quantities of drills, sheetings, twills, duck, etc., have been taken. Large orders for print cloths have also been placed by the Government and they have bought many other kinds of goods for various purposes. The buying is reported to have been well distributed among a large number of mills.

The varying course of raw cotton for the last few weeks seems to have had very little effect on cotton goods prices. Prices have held firm and in some quarters advances have been made. Finished goods were quiet all through the week. The mills are well sold ahead and prices are firm. The activity in gray goods has subsided to some extent. Aside from Government buying, the market for print cloths and sheetings was rather dull.

The transportation problem is a source of much worry to the textile and dry goods trade. Shipping facilities in the country seem far from adequate and there are many abnormal delays in getting goods moved. Prior to the declaration of war many houses reported that they were having a great deal of trouble in getting goods through and now the situation is worse. War supplies and troops are of course taking precedence over civilian business and jobbers and retailers are reporting that they are not getting their shipments when they need them.

Export demand for cotton goods picked up considerably during the past week, although no new quarters were reported in the market. Mexico was the best buyer and sent in orders for all kinds of dry goods and the increase in demand from that country leads factors in export trade to hope that internal conditions in Mexico are improving. Mexico is generally considered to offer a good market for cotton goods, but so far conditions have been against any large business there. There was no active demand from Central and South American buyers last week, but they took considerable quantities of goods for filling-in purposes. It is thought that trade with these countries cannot expand much until after the war is over.

Cotton goods were quoted in New York last week as follows:
Brown drills, std....At value..
Sheetings, So., std....At value..

3-yard, 48x48sAt value..
4-yard, 56x60sAt value..
4-yard, 48x48sAt value..
5-yard, 48x48sAt value..
Denims, 9-ounce.....At value..
Denims, 2-20s21 ..
Selkirk, 8-oz. duck...23 ..
Oliver, extra, 8-oz....23 23
Tallassee, 8-oz.21 ..
Hartford, 8-oz.21 ..
Woodberry, sail d'k.. 5 ..
Mt. Vernon, wide d'k.. 5 ..
Alexander, oz. duck..17 ..
Ticking, 8-oz.At value..
Standard printsAt value..
Standard gingham....At value..
Dress gingham....At value..
Kid finished camb's..At value..

GARLAND

LOOM

HARNESSES

Have the loops filled with varnish so that the eyes cannot break back or work loose. They are as solid as the best varnish can make them and remain in this condition until the harness is worn out.



GARLAND MFG. CO.
SACO, MAINE

Our Spinning Rings SINGLE OR DOUBLE FLANGE
START EASIEST, RUN SMOOTHEST, WEAR LONGEST
Pawtucket Spinning Ring Co.
CENTRAL FALLS, R. I.



LOOM-LUBRIK TWISTER RING GREASE NON-FLUID OIL
MYCO GREASE SIZE
MASURY-YOUNG COMPANY
60 Years in Business BOSTON, MASS.
Disinfectants, Apron Oil, Greases, etc.

TAPE DRIVES

Our tapes are endorsed by machinery experts
They know their quality and they know their scientific structure. Exhaustive trials by practically all machinery makers have demonstrated that they have no superior. Write us.
BARBER MANUFACT'NG CO., Lowell, Mass.
SPINNING TAPE SPECIALISTS

St. Onge Adjustable Grid Bar

Removes 25% more dirt without loss of stock
Plain bars or pin bars furnished

BROWN-ST. ONGE COMPANY
A. ST. ONGE, President
Providence, R. I. CHARLOTTE, N. C.



HASN'T FAILED YET

Tallowax 97% Fats
Beef Tallow 92% Fats

Takes place of raw beef tallow. Costs less per pound. To be used with gums and sizings. Results guaranteed. Demonstrations made free. Let us ship you a barrel on approval.

Sizings Softeners Finishings

THE SEYDEL MFG. COMPANY
JERSEY CITY, N. J.

S. C. THOMAS,
Spartanburg, S. C.

GEORGE WITHERSPOON,
Mount Olive, N. C.

CLEAN WITH FELTON'S
FELTON'S BRUSHES ARE NOTED FOR LONG WEAR



D. D. FELTON BRUSH CO.
S. A. FELTON & SON CO
MANCHESTER, N. H.

ATLANTA, GEORGIA

The Yarn Market

Philadelphia, Pa.—A good volume of new business was put through the yarn market last week and many of the dealers say that the end of the month will show that the sales for this month will be larger than those for any of the last three months. Manufacturers in the Philadelphia district say that prices are too high to take and chances are that they will not buy yarn in anticipation of future needs or in excess of what they need now. They take what yarn they need to cover present orders and stop there. Spinner's prices continue high and show no signs of going lower. Mills are well sold ahead and even should there be a check in the amount of yarns consumed they would not be affected for some time. While there was no general buying by hosiery and underwear manufacturers around Philadelphia, houses who keep salesmen throughout the country report that the scattered sales made up a good total for the week. Prices showed a good deal of irregularity. Southern frame spun cones, coarse numbers, sold on the basis of 35 to 36 1-2 cents for 10s, the average price being on the 36 cent basis.

There was a good demand for single combed yarns last week. Many of the inquiries were for deliveries to run well into next year, but a great many dealers and spinners do not care to sell that far ahead. Eastern spinners will not sell for delivery more than three months ahead and Southern spinners have refused to quote prices beyond September first. There are of course some exceptions and a few dealers are willing to take chance where the financial standing of the buyer is unquestionably strong. Two sales of combed yarns were made last week with deliveries starting in the fall and running into next year. Knitters who are working on Government contracts have been good buyers of single combed yarns and prices have stiffened under their orders.

Southern Single Skeins.	
4s.....32 1/2	20s.....38
6s.....33	22s.....39
8s.....33	24s.....41
10s.....34	26s.....42
12s.....35	30s.....45
14s.....35 1/2	40s.....58
16s.....36	
Southern Two-Ply Skeins.	
4s.....34	24s.....42
6s.....34	26s.....43
8s.....34	30s.....45
10s.....34 1/2	36s.....54
12s.....35	40s.....60
14s.....36	50s.....80
20s.....39	40
Southern Single Chain Warps	
8s.....33	22s.....39
10s.....33 1/2	24s.....41
12s.....34	26s.....42
14s.....34 1/2	30s.....45
16s.....36	40s.....60
20s.....38	
Southern Two-Ply Chain Warps	
8s.....34	24s.....43
10s.....35	26s.....44
12s.....36 1/2	30s.....46
14s.....37	40s.....58
16s.....38	50s.....76
20s.....40	60s.....83
Southern Frame Spun Yarn on Cones	
6s.....36	22s.....41
8s.....36	24s.....42
10s.....36	26s extra 46
12s.....37	26s.....43
14s.....37	30s.....45
16s.....37 1/2	40s.....58
18s.....38 1/2	22s colors 43

Eastern Combed Peeler Cones.	
8s.....51	24s.....58
10s.....52 1/2	26s.....56 1/2
12s.....52 1/2	28s.....58 1/2
14s.....53	30s.....58 1/2
16s.....54	32s.....64
18s.....54	34s.....66
20s.....55	36s.....68
22s.....56	40s.....70
Eastern Two-Ply Carded Peeler Warps.	
30s.....52	60s.....82
36s.....57	70s.....95
50s.....70	
40s.....67	80s.....1.10

A. M. Law & Co.

Spartanburg, S. C.

BROKERS

Dealers in Mill Stocks and other Southern Securities

SOUTHERN COTTON MILL STOCKS.

	Bid	Asked
Abbeville Cotton Mills, S. C.	109	—
American Spinning Co., S. C.	124	—
Anderson Cotton Mills, S. C.	96	100
Aragon Mills, S. C.	96	100
Arcadia Mills, S. C.	114	—
Arkwright Mills, S. C.	115	125
Augusta Factory, Ga.	30	35
Avondale Mills, Ala.	125	135
Belton Cotton Mills, S. C.	108	112
Brandon Mills, S. C.	75	81
Brogan Mills, S. C.	45	50
Calhoun Mills, S. C.	99	95
Cannon Mfg. Co., N. C.	175	—
Cannon Mfg. Co., N. C.	175	—
Chiquola Mills, S. C.	139	—
Clifton Mfg. Co., S. C.	100	103
Clinton Cotton Mills, S. C.	117	125
Courtenay Mfg. Co., S. C.	100	103
Columbus Mfg. Co., Ga.	101	105
Chesnee Mills, S. C.	110	115
D. E. Converse Co., S. C.	80	85
Dallas Mfg. Co., Ala.	105	—
Darlington Mfg. Co., S. C.	65	75
Drayton Mills, S. C.	15	—
Dunbar Mills, S. C.	46	—
Eagle & Phenix Mills, Ga.	99	101
Eastley Cotton Mills, S. C.	199	—
Enterprise Mfg. Co., Ga.	35	—
Gaffney Mfg. Co., S. C.	72	75
Gainesville C. Mills, Ga., com	—	80
Glenwood Mills, S. C.	95	101
Glenn-Lowry Mfg. Co., pfd	—	75
Gluck Mills, S. C.	95	100
Graniteville Mfg. Co., S. C.	57	61
Greenwood Cotton Mills, S. C.	100	—
Grendel Mills, S. C.	145	—
Hamrick Mills, S. C.	130	—
Hartsville Cot. Mills, S. C.	175	250
Henrietta Mills, N. C.	134	—
Inman Mills, S. C.	110	115
Inman Mills, S. C., pfd.	98	101
Jackson Mills, S. C.	120	125
Judson Mills, S. C.	95	100
King, John P. Mfg. Co., Ga.	89	93
Lancaster Cot. Mills, S. C.	150	—
Lancaster C. Mills, S. C., pfd	—	100
Laurens Cotton Mills, S. C.	110	—
Limestone Cot. Mills, S. C.	130	—
Lockhart Mills, S. C.	60	75
Loray Mills, N. C., com.	20	—
Loray Mills, 1st pfd.	—	102
Marion Mfg. Co., N. C.	127	131
Marlboro Mills, S. C.	95	—
Mills Mfg. Co., S. C.	100	110
Mollohon Mfg. Co., S. C.	95	100
Monarch Cotton Mills, S. C.	150	—
Newberry Cotton Mills, S. C.	140	145
Ninety-Six Mills, S. C.	220	—
Norris Cotton Mills, S. C.	110	—
Oconee Mills, common	85	—
Oconee Mills, pfd.	98	—
Pacolet Mfg. Co., S. C.	100	103
Pacolet Mfg. Co., S. C., pfd.	100	—
Pelzer Mfg. Co., S. C.	100	105
Pickens Cotton Mills, S. C.	118	125
Piedmont Mfg. Co., S. C.	158	—
Poe, F. W. Mfg. Co., S. C.	120	123
Riverside Mills, S. C.	98	—
Roanoke Mills, N. C.	—	—
Saxon Mills, S. C.	117	125
Sibley Mfg. Co., Ga.	40	50
Spartan Mills, S. C.	135	140
Tucapau Mills, S. C.	270	300
Union-Buffalo Mills, 1st pfd.	76	80
Union-Buffalo Mills, 2d pfd.	7 1/2	9
Victor-Monaghan M. Co., pfd.	93	100
Victor-Monaghan Co., pfd.	84	—
Victor-Monaghan Co., com.	45	—
Ware Shoals Mfg. Co., S. C.	90	100
Warren Mfg. Co., S. C.	—	—
Watts Mills, S. C.	110	125
Whitney Mfg. Co., S. C.	110	106
Williamston Mills, S. C.	—	—
Wiscasset Cot. Mills, N. C.	—	—
Woodruff Cotton Mills, S. C.	116	125
Woodside C. Mills, S. C., com	51	55
Woodside C. Mills, S. C., pfd	85	—
Woodside C. Mills, S. C., g'd	104	—

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 WARP DYEING MACHINES

COCKER MACHINE AND FOUNDRY CO.

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OXY-ACETYLENE WELDING AND CUTTING APPARATUS

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CHARLOTTE, N. C.,

Southern Representatives

PERSONAL ITEMS.

G. F. Roberts, manager of the Textile Specialty Co., Greenwood, S. C., paid us a visit this week.

J. W. Strickland has resigned as second hand in weaving at Lanett Cotton Mills, Lanett, Ala.

E. G. Briskey has been promoted to second hand in weaving at Lanett Cotton Mills, Lanett, Ala.

D. A. Jolly, overseer of weaving at Lanett Cotton Mills, Lanett, Ala., has purchased a five-passenger Dodge automobile.

Chas. Cole has resigned as sample room man at the Alta Vista (Va.) Mill.

S. D. Eubanks has accepted the position of overseer of weaving at the Brown Mills, Concord, N. C.

Richard Akerstrom of Greensboro, N. C., has accepted the position of overseer of dyeing at the Dan River and Riverside Mills, Danville and Schoolfield, Va.

Amazon Mill Gardens.

The Amazon Cotton Mills, Thomasville, N. C., are setting a fine example by plowing the gardens of their employees and furnishing free seeds for their use. It has been their custom for years to furnish free flower seed, and results are clearly seen in their front yards, for some of the most attractive yards in this town are in the mill village.

Mill Plants Gardens of Its Operatives

The Georgia Mfg. Co., Gainesville, Ga., has plowed every garden of its more than 40 operatives, and will furnish them seed free of charge with which to plant them.

Since its recent opening this mill has made splendid progress. It is running full time now, and is making many additions to its equipment. A carload of new machinery was installed this week and another will arrive next week. It has a pay roll of \$300 a week, and operates 7,000 spindles.

Young Boy Held On Serious Charge.

After a lengthy hearing in county court, Newton, N. C., Saturday young Ransome Bowman, 13-year-old son of G. W. Bowman, of Alexander county, was held for superior court on the charge of having been the cause of the death on April 8 of John Miller, 13 years old son of J. L. Miller, in a fight the two lads engaged in at a cotton mill in Newton on the 8th of February.

The boy died of some trouble in the head, and it is alleged that young Bowman struck him with a bobbin. Fourteen witnesses testify that they did not see Bowman strike, but the boys picked up bobbins and fussed, but neither used them.

Statement of Ownership, Management, Etc., of Southern Textile Bulletin.

Statement of ownership, management, circulation, etc., of the Southern Textile Bulletin, published weekly at Charlotte, N. C., as required by the act of August 24th, 1912.

Editor, managing editor, David Clark; Publisher, Clark Publishing Company, Charlotte, N. C.; owner, David Clark, doing business under the name of the Clark Publishing Company, which is not incorporated. No bonds or mortgages.

(Signed) David Clark.
Subscribed and sworn before me this 2nd day of April, 1917.

Wm. M. Wilson,
Notary Public.

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"STAPLE COTTON A SPECIALTY"

Modern Cards for Sale

We have for sale twenty-four modern up-to-date
40-inch Whitin Cards, 110 flats, 12-inch coilers.

Quick Delivery

Attractive Prices

SOUTHERN TEXTILE MACHINERY COMPANY
Greenville, South Carolina

Says a 50,000 Spindle Mill

"We gave all our leather top rolls two coats of
DUREX TOP ROLL VARNISH and it is
proving satisfactory. It has cut our roller
covering bill."

TOP ROLL VARNISH COMPANY

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Better Mill Villages Complete Planning Service

Landscape Development
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TRADE MARK

SUPERIOR TO TALLOW and cheaper. Used with starch on all classes of warps. Neutral. Especially valuable on warps, which, while requiring light sizing, must be very strong and smooth. It is strictly uniform and has none of the drawbacks



TRADE MARK

of tallow. Can be used with any kind of starch or sizing material. Is especially valuable when used with a Soluble Gum, such as our Gum G, Yorkshire Gum, Scotch Gum, and the like, all of which attract moisture and lay the fibre, thereby prevent shedding. Arabol Softening Oil penetrates the yarn, and lubricates the fibre. Never gets rancid as tallow does and always keeps the slasher cylinders smooth and bright. The yarn never sticks when this Oil is used. Trial barrel sent on approval.

OIL LUBRICATES—TALLOW DOES NOT

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100 William Street, New York

CAMERON MacRAE Southern Sales Agent CHARLOTTE, N. C.

Help Wanted.

We can furnish regular work to several good families. Card room, spinning room, and weave room help. Good healthy place to live, good wages, free house rent. For further information apply to Enoree Mills, Enoree, S. C.

Shafting Wanted.

Wanted, 100 feet of 4-inch shafting with hangers, hangers for 14-inch drop, and couplings. Fulton Cotton Mills, Athens, Ala.

Operatives Wanted.

Wanted—Help of all kinds for night work in card and spinning room. Work five nights and pay for six. Apply or write C. W. McNeely, Fort Mill, S. C.

Want Overseer of Winding.

Wanted a good overseer for our winding department on hosiery cones and tube yarns Universal and Foster machines. Good pay and permanent job for the right man. Address Muscogee Manufacturing Co., Columbus, Ga.

Do You Need This Man?

Age 38. Georgian. Methodist, two children. Overseer of card- and spinning 21 years. 9 years at last place, 4 here. Self-made and think he did a pretty fair job. Present salary over \$1,700 per year. First class references including present employers.

This man has no "Pull" but quite a lot of "Push". He wants position as superintendent of cotton yarn mill where hard work and efficiency will be appreciated. Will go anywhere. Very reasonable salary. Address B. B. Care Textile Bulletin.

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WHY have ENTWISTLE WARPERS maintained their position of leadership?

BECAUSE for more than 25 years we have been concentrating on this line, our watchword being simplicity, practicality and efficiency of construction and operation.

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BALL WARPERS
BEAM WARPERS
BEAMING MACHINES
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CARD GRINDERS**T. C. ENTWISTLE COMPANY**

Established 1886—Incorporated 1901

F. B. KENNEY, PRESIDENT, LOWELL, MASS.
SOUTHERN REPRESENTATIVE, J. H. MAYES, CHARLOTTE, N. C.**HELP YOUR WEAVERS**

The approach of the dry and hot days is dreaded by the weavers. Normalair heads will supply the necessary moisture. Simple in construction. Efficient of operation.



INSTALLING NORMALAIR HEADS

NORMALAIR COMPANY
WINSTON-SALEM, N. C.Independence Building
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— OFFICES —

302 Broadway
NEW YORK**Want Department****Operatives Wanted.**

Wanted—We are now starting our last installment of machinery and can use a few more card hands, speeder hands, comb tenders, winders, spinners, doffers and twister hands. We positively do not want booze fighters or hoboes to answer this ad. Apply to Beaver Mills, J. V. McCombs, Supt., North Adams, Mass.

Operatives Wanted.

Wanted for mills now starting at Tarboro, N. C., families containing spinners, spoolers, winders and doffers, also a few slubber and speeder hands. Plenty of good houses, free graded schools, churches of all denominations. Letters from above named help will receive prompt attention. Write to T. A. Shipp, Supt., Tarboro, N. C.

Frame Hands Wanted.

Can use a few good frame hands at night. We pay 9 cents on slubbers, 10 cents on intermediates and 11 cents on speeders, and also pay a 10 per cent bonus for full time. Will furnish transportation to help coming at once. Nothing except first-class help need apply. Address A. N. McAbbe, Box 403, Tenille, Ga.

Operatives Wanted.

Wanted—A few good families, mostly spinners, doffers in cloth mill on 30s to 40s yarns. Good wages. Locality, water, schools and churches all good. Apply to T. A. Sizemore, Supt., Greenville, S. C.

WANTED — A FEW GOOD FRAME HANDS ALL NEW FRAMES AND BEST RUNNING WORK IN THE COUNTRY. GOOD PLACE TO LIVE AND GOOD FRAME HANDS MAKE FROM \$12.00 TO \$14.00 PER WEEK. PAY EVERY SATURDAY. APPLY IN PERSON OR WRITE S. G. DOVER, SUPT., KERSHAW COTTON MILLS, KERSHAW, S. C.

Denn Warper Man.

Want good Denn warper man for night work. Pay \$12.60 per week. Run 5 nights, but pay for 6. Apply to J. C. Tiddy, Roanoke Rapids, N. C.

Grinder Wanted.

We will pay \$2.00 a day for a first class card grinder to take charge of 90 Whitin cards. Two assistant grinders furnished to help on the job. Man must be one who takes pride in keeping his job clean and in first-class shape.

Fine location, large mills and plenty of good help. No one with less than six years of practical experience as boss card grinder, with good, reliable mills will be considered. References required. Write "Grinder," care Southern Textile Bulletin.

Jack Hands Wanted.

Wanted — Three good Jack hands for night work. Z. G. Holdscaw, overseer carding, Jewell Cotton Mill, Thomasville, N. C.

Packing Room Overseer.

Wanted.—A young man to take charge of packing room in cordage and twine mill, who is familiar with Universal Winders and Ballers, capable of handling help. A first class chance for the proper party. In replying give all information regarding age, reference, etc. Address January & Wood Co., Maysville, Ky.

Belt Salesman Wanted.

Belting salesman wanted for Southern territory by a firm that is well established and manufacturers high grade belting. Good opening for a live man. Address "Belting," care Southern Textile Bulletin.

Want Frame Hands and Spinners.

Wanted—We are starting up a yarn mill near our present location, and can use several good families of frame hands, spinners and doffers and some weavers and other help. Very best of wages paid, run 60 hours a week, pay off at 11 o'clock on Saturdays. Good healthy location and good running work. Address Selma Manufacturing Co., Selma, Ala.

Spools Wanted.

Would buy for quick delivery 1,000 4x6 spools for 3-8 spooler spindles. No junk is wanted, must be good spools. Send sample and price to J. M. Hogan, Superintendent Springfield Cotton Mill, Laurel Hill, N. C.

Knitters Wanted.

Wanted—Knitters, ribber and looper hands; also menders and inspectors. Will want some good help to learn. Work is light, mill is clean and bright, on car line, close to town. Address Bela N. Barnes, Supt. Charlotte Knitting Company, Charlotte, N. C.

Weavers Wanted.

Weavers for Army Duck. Employment given other cotton mill workers in the family. Apply Cook Duck Mills, Cedartown, Ga.

WANT position as superintendent or overseer of spinning. Am a practical man 40 years old, married, strictly sober. Experienced from picker room to cloth room on white and colored goods. Good references as to character and ability. Address No. 1825.

WANT position as overseer of carding, at not less than \$3.00. Have had 10 years experience in good mills. Age 41, sober and good manager of help. At present employed. Am a band leader of some ability. Good references. Address No. 1826.

WANT position as superintendent. Have had extensive experience as superintendent on both white and colored goods also in yarn mills and am well qualified to manage mill on usual classes of yarn and goods. Can furnish the very best of references. Address No. 1827.

WANT position as superintendent of either yarn or plain weaving mill or as carder and spinner. Am now employed and giving satisfaction and have had long experience both in carding and spinning. Can furnish best of references. Address No. 1828.

WANT position as superintendent of yarn mill. Now employed as superintendent of small mill, but desire to change for larger one. Long practical experience and can give best of references from former employers. Address No. 1830.

WANT position as overseer of carding. 12 years in mill business, 3 years as overseer. Can give references if desired. Address 1831.

WANT position as superintendent or overseer of spinning. Have had long experience in both positions and held last job for 3 years. Fine references. Address 1833.

WANT position as superintendent. Am practical mill man with several years experience as superintendent in first class mills, age 37, highly competent to handle position. First class references as to character and ability. Address No. 1834.

WANT position as overseer of carding and spinning. Am now employed but prefer to change to healthier location. Would prefer a weave mill. Good references. Address No. 1835.

WANT position as superintendent of yarn mill of not less than 5,000 spindles. Have had long experience as overseer and can furnish first class references. Address 1836.

WANT position as overseer of finishing cloth room or weave room. Have had long experience and am well qualified and handle finishing or colored goods. Fine references. Address 1837.

WANT position as superintendent or overseer of carding in large mill. Would not consider anything less than \$4.50 per day. Am an experienced carder on fine yarns and can give high class references. Address No. 1838.

WANT position as secretary treasurer, bookkeeper or office manager in cotton mill office. References from present and past connections. Address Office Manager or No. 1839.

WANT position as superintendent. Have had long experience and special experience on fine yarns. Made a success on last job and can furnish first class references. Address 1840.

WANT position as overseer of weaving. Have had 8 years experience on Crompton & Knowles, Draper and Stafford looms and have handled all kinds of colored work. Now employed, but wish to change. Good references. Address 1841.

WANT position as superintendent. Now employed as superintendent of small mill, but desire larger position. Have had long experience and can furnish first-class references. Address 1843.

WANT position as superintendent or overseer of weaving, overseer of dyeing or designing. Special experience on fancy goods including silk and cotton goods. Fine references. Address No. 1844.

WANT position as superintendent of yarn mill or overseer of carding. Experienced on all classes of yarn from 4s to 80s with special experience on fine combed yarns. Address No. 1845.

WANT position as superintendent of small mill or overseer of carding in large mill at not less than \$4.00 per day. Now employed but wish to change. Good references. Address No. 1846.

WANT position as overseer of carding on either colored or white goods. 12 years experience on both and can give present and past employers as reference. Address No. 1847.

WANT position as superintendent of yarn mill. Am first class carder and spinner and also experienced on twisting, reeling, winding and denn warping. Address No. 1848.

WANT position as superintendent of medium size mill or as carder and spinner in large mill. Now employed and can furnish best of references. Address No. 1849.

WANT position as superintendent or either yarn or weaving mill. Am especially strong on yarns and ducks. Strictly sober and eager to get a position with a mill that will appreciate the services of a reliable and competent man of good habits. Can come on short notice. Address 1850.

WANT position as overseer or as second hand in large weave room. Experienced on plain, Draper, and boxed looms. Can furnish fine references. Address No. 1851.

WANT position as superintendent. Am now filling position as superintendent and have held same satisfactory for three years, but de-

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sire to secure a larger mill. Have textile education and also long practical experience and can get results. Good references. Address No. 1852.

WANT position as overseer of spinning. Have 18 years experience as spinner, strictly sober, age 45, married. Fine references. Address No. 1853.

WANT position as superintendent. Have lots of experience on both white and colored goods and have successfully handled some of the largest mills in the South. Can furnish fine references. Address 1854.

WANT position as superintendent. Have had long experience as superintendent and have managed several large mills successfully. Can furnish high class references. Address No. 1855.

WANT position as superintendent. Have had experience as overseer of carding, machinery erector, superintendent and am well qualified to hold a position of either superintendent or manager. Can furnish good references. Address No. 1856.

WANT position as overseer of weaving. Am now employed and giving entire satisfaction, but desire a larger job. Good references. Address No. 1857.

WANT position as superintendent or traveling salesman. Have had long experience as overseer of weaving, superintendent and also experience on the road. Can furnish first-class references for either position. Address No. 1858.

WANT position as superintendent. Have been superintendent of large mills and am now employed. Can furnish best of references. Address No. 1859.

WANT position as manager or superintendent. Have had long practical experience in all departments and am a good manager of help. Now employed and would only change for larger position. Address No. 1860.

WANT position as superintendent. Experienced on white and colored goods and have had special experience on white and colored goods and have had special experience on combed yarns. Fine references including present employers. Address No. 1861.

WANT position as superintendent. Am at present employed as superintendent, but desire to make a change. Am 40 years of age and have had long experience. Good references. Address No. 1862.

WANT position as overseer of carding. Now employed as overseer of fine yarns and giving entire satisfaction, but wish to change. Can furnish present employers as reference. Address No. 1863.

WANT position as superintendent, overseer of weaving or second-hand. Have had long experience in New England mill on both weaving and yarn, but would like to secure a position in the South. Am an experienced mill man and good manager of help. Address 1864.

WANT position as superintendent. Now employed and giving entire satisfaction and will only change for larger job. Age 33, experienced on both colored and white goods goods, also long experience as carder. Address No. 1865.

WANT position as overseer of carding and spinning. Have had eight years experience in carding and spinning. Have had eight years experience in carding and spinning and can furnish good references. Have had 3 years experience in machine shop. Address No. 1866.

WANT position as superintendent or overseer of carding. Have had long practical experience in both positions and have handled successfully some of the largest card rooms in the South. Can furnish high class references. Address 1867 A.

WANT position as carder, spinner, assistant superintendent of superintendent. Have had experience in all positions and can furnish first class references from former employers. Have a textile education as well as practical experience. Address 1867, B.

WANT position as superintendent or overseer of weaving. Have been overseer of weaving and assistant superintendent on present job for 12 years. Can furnish good references. Address No. 1868.

WANT position as superintendent or overseer of spinning. Am a practical man, 40 years old, married and strictly sober. Experienced from picker room to cloth room on white and colored goods. Good references. Address No. 1869.

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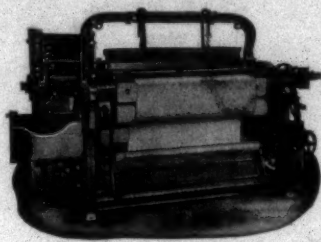
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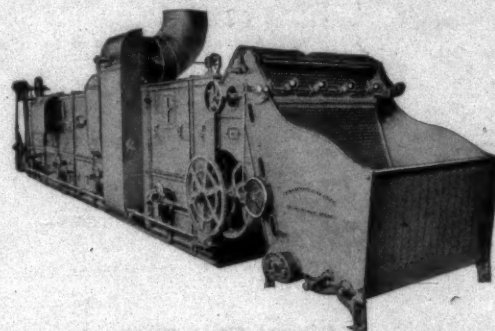
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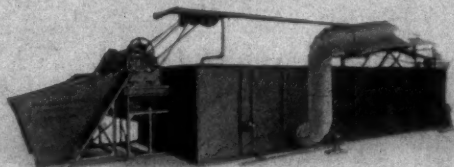
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